

Comparisons of Job Characteristics

Focus Occupation: First-Line Supervisors of Mechanics, Installers, and Repairers (49-1011)

Associated Occupation: Transportation Inspectors (53-6051)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 76

Focus Occupation: First-Line Supervisors of Mechanics, Installers, and Repairers (49-1011)

Associated Occupation: Transportation Inspectors (53-6051)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Mechanical	6.8	15.1	19.8	>>	Current knowledge level is likely more than sufficient
Transportation	4.6	14.2	6.8	<<	Extensive education and/or training may be required
Public Safety and Security	6.9	12.1	8.9	<<	Extensive education and/or training may be required
Law and Government	5.9	10.4	9.0	<	Expanded education and/or training may be required
Physics	4.3	9.1	6.7	<<	Extensive education and/or training may be required
Telecommunications	3.9	6.8	7.3	0	Current knowledge level may be sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 56

Focus Occupation: First-Line Supervisors of Mechanics, Installers, and Repairers (49-1011)

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Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Operation Monitoring	6.6	10.1	10.1	0	Current skill level may be sufficient
Quality Control Analysis	5.9	10.1	11.6	>	Skill level is likely sufficient
Operation and Control	5.4	8.2	8.5	0	Current skill level may be sufficient
Science	4.5	7.4	4.8	<<	Extensive development of skills in this area may be required
Troubleshooting	4.5	6.9	10.4	>>	Skill level is likely more than sufficient
Equipment Maintenance	3.5	5.0	10.1	>>	Skill level is likely more than sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 91			
Focus Occupation: First-Line Supervisors of Mechanics, Installers, and Repairers (49-1011) Associated Occupation: Transportation Inspectors (53-6051)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Oral Comprehension	12.5	13.0	13.8	0	Current ability level may be sufficient
Oral Expression	12.4	12.5	13.3	0	Current ability level may be sufficient
Problem Sensitivity	11.1	12.2	12.9	0	Current ability level may be sufficient
Written Comprehension	11.0	11.9	12.5	0	Current ability level may be sufficient
Near Vision	11.1	11.6	11.9	0	Current ability level may be sufficient
Written Expression	9.8	11.3	11.5	0	Current ability level may be sufficient
Inductive Reasoning	10.2	10.8	11.5	0	Current ability level may be sufficient
Deductive Reasoning	10.6	10.4	12.6	>	Current ability level is likely sufficient
Perceptual Speed	7.4	9.0	9.4	0	Current ability level may be sufficient
Depth Perception	5.3	8.2	7.3	<	Some improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 73
Focus Occupation: First-Line Supervisors of Mechanics, Installers, and Repairers (49-1011) Associated Occupation: Transportation Inspectors (53-6051)		
Work Activities	Exclusivity of Activity	
Conduct training for personnel	30	
Direct and coordinate activities of workers or staff	3	
Evaluate performance of employees or contract personnel	54	
Examine products or work to verify conformance to specifications	15	
Inspect machinery or equipment to determine adjustments or repairs needed	42	
Monitor operations to verify conformance to standards	87	
Monitor worker performance	57	
Prepare reports	8	
Read blueprints	10	
Read specifications	23	
Recommend personnel actions, such as promotions, transfers, and dismissals	72	
Understand technical operating, service or repair manuals	6	

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus
Occupation to Associated
Occupation: 78

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Tools and Technologies	Exclusivity
Business function specific software	1
Computers	1
Content authoring and editing software	1
Data management and query software	1
Industry specific software	1
Information exchange software	1
Network applications software	1
Personal communication devices	2

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.